

Feature Match

In looking at systems to utilize, what features would be needed or most useful based on his current strengths and needs:

Speech Output

No Speech Output

No Speech Output. Communication device is meant to be used to augment the individual's natural voice

Synthesized speech

Digitized Speech

Foreign Language (pre stored digitized msgs only)

Foreign Language (synthesized speech with spelling options)

Rate Enhancement Option

Pre stored msgs

Word Prediction

Semantic Compaction

Grammar Based Text Boards

Language/Vocabulary

Utterance Formation

Phases

1 word at a time

Symbol Representation/Language Representation

Object/tangible/tactile

Digital Picture

Color Line Drawings

Black White Line Drawing

Alphabet for spelling

Text Based (no pictures)

Context display Digital Photograph with hotspots

Context display (Drawing with hotspots)

Semantic Compaction/ Unity/ MimSpeak

Vocabulary Arrangement

Single Msg
Phrase Based
Single Word
Combination

Number of Symbols per page

Min _____

Max _____

Vocabulary Organization

Label/name
Action
Color
Association
Function
Size
Location
Contextual
Activity Based
Category

Selection Methods

Direct or Scanning

Direct Selection - (i.e., directly touching the screen with some portion of the person's body)

Hand- L/R/B
Finger _____
Foot- L/R/B
Eye Gaze
Symbol size _____
Spacing _____

Size of symbol to directly select _____
Direct Selection Spacing _____
Target size _____

Adaptive Equipment for Direct Selection

Splint

Head Stick
Chin Stick
Laser Pointer
Mouth Stick
Trackball
Mouse
Key guard
Joystick

Keyboard

Onscreen
Foot Keyboard
One hand Keyboard
Other: _____

Scanning Access

Head
Foot
Tongue
Eyebrow
Mouth
Hand
Elbow

Switch Features

Large
Small
Soft
Hard
Specialty access location: (i.e., tongue) _____

Scanning Mode

Visual only
Auditory only
Visual/auditory

Scanning Pattern

Linear
Row/Column
Block/row/column

Scanning Method

Automatic scanning
Directed (step) scanning
Inverse Scanning

Other Considerations

Size/Weight

Large- size ave. 9" x 12" / 4.5 + lbs
Medium - size ave. 6" x 8" / 2.5 - 4.5 lbs.
Small - handheld size /5 oz - 2.5 lbs

Environmental Controls

Yes
No

Other:

Questionnaire adapted from Dr. Janice Light's and Dr. Kathryn Drager's course notes (2002) and AAC questionnaire used at Penn State Speech and Hearing Clinic developed by Elizabeth Panek (2003).